

ABSTRACT

5 The invention concerns an apparatus and a method for modifying a power
flux in an electrical transmission line section (6,8), each section including
phase lines having n conductors (10,12) electrically insulated from one
another and shorted at the ends (40) of the section. The apparatus
comprises a power exchange unit including a power converter (18) for
10 power conversion between first and second pairs of terminals (20,22), the
first pair of terminals (20) being connected in series to at least one
conductor of the section; and an electrical element (24) connected to the
second pair of terminals (22) and adapted to circulate power through the
power converter to modify said power flux.

15